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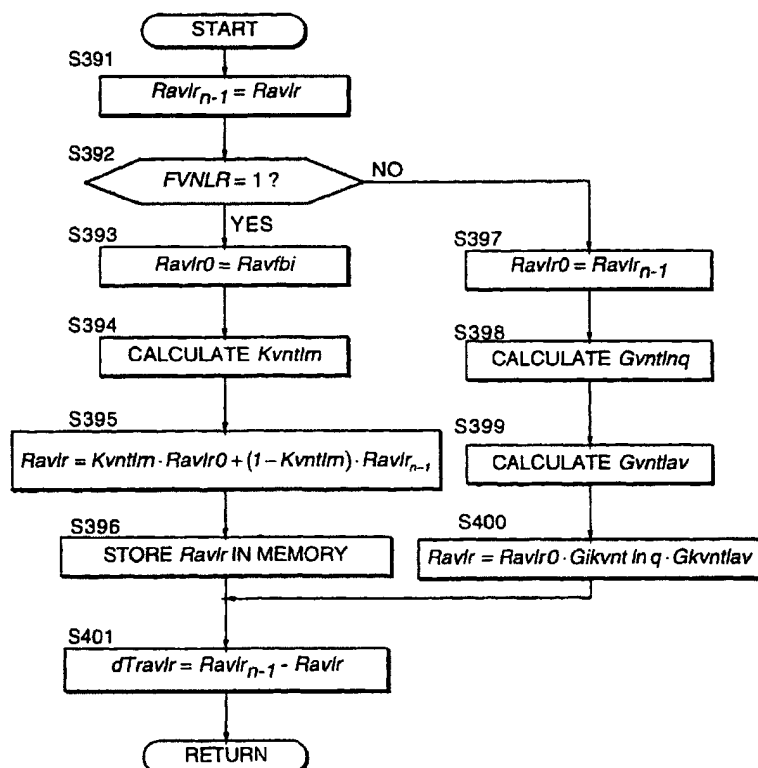
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(54) Title: CONTROL OF SUPERCHARGER



(57) Abstract: The intake air amount of an engine (1) is controlled by a variable nozzle (53) of a turbocharger (50). A controller (41) calculates an open loop control value of a drive signal of the variable nozzle (53) based on a running state of the engine (1), and calculates a feedback correction amount comprising an integral correction value of the drive signal such that the intake air amount coincides with a target intake fresh air amount (S367). It also calculates a learning value based on the integral correction value when the intake air amount coincides with the target intake air amount (S395, S400), and modifies the feedback correction amount such that the sum of the learning value and feedback correction amount is constant (S366). In this way, the response of intake air amount control or supercharging pressure control is enhanced.



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